# CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—Continued

	Eleve				Pressure			Тег	nper	atu	re of	the	air			e dew		Prec	ipita	tion		v	Vind	l					38		ground	mder-
District and station	Barometer above sea level		Anemometer above ground	Station	Sea level	Departure from normal	Mean max. + mean min. ÷2	Departure from normal	Maximum	Date	Mean maximum	Minimum	Date	Mean minimum	st daily range	Mean temperature of the point	Mean relative humidity	Total	Departure from normal	Days with 0.01 inch or more	Average hourly velocity	Prevailing direction		Direction Oirection		Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	nowfall	set, and ice on t end of month	Number of days with thunder- storms
Alaska	Ft.	Ft.	Ft.	Mbs.	Mbs.	Mbs.	°F.	°F.	°F.	-	°F.	°F.		°F.	°F.	°F.	%	In.	In.		Mi.							0	-10	In.	In.	
Anchorage <sup>1</sup> Fairbanks <sup>1</sup> Juneau <sup>1</sup> Nome Bethel Gambell Kotzebue McGrath Northway Summit	132 455 80 22 28 32 20 331 1,718 2,405	6 4 6 25 7 5 5 5 5 5	21 56 31 32 31 31		1,014.6 1,013.9 1,013.5		54. 3 58. 6 54. 4 45. 4 53. 2 37. 2 43. 4 57. 3 56. 8 49. 8	+.8 +.2 2 +.1 -1.3 3	82 80 75 71 53 71 79 82	22 11 26 22	64 72 64 51 62 41 49 67 69 59	31 37 34 28 35 25 26 39 32 32	3 2 2 2 4 6 10 1	45 46 45 40 45 33 38 48 45	30 39 26 29 16 25 31 37 28	44 45 44 40 46 35 40 46 43 42	88 78 93 88	. 86 1.03 3.04 . 85 . 91 . 57 . 80 2.17 2.27 2.24	+.2 3 3 2 +.1	9 13 8 7	7. 2 7. 1 8. 1 8. 5 11. 0	sw. n. w. nw. sw. w.	27 28 24 23 24 38 24 27	e. e.	2 19 4 18 18 18 10	1 1	10 12 4 8 10 3 7 11 16 10	19 22 17 27 22 19	7. 4 8. 1 7. 1 9. 0 8. 2 7. 9 6. 9 8. 4	.0.0 T.0.T.0.0	.0 .0 .0	0
Hawaiian Islands												Ì					1										- 1			1		
Honolulu	38	86	100	1, 015. 9	1,016.6		76.4	, 2	82	7	80	70	7	72	12			. 46	<b></b> 5	12	9. 4	E.	28	E.	1	9	12	9	5. 6	. 0	.0	0

Data are airport records.

Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.

Observations taken bihourly.

Pressure (adjusted to old city elevation) temperature and hygrometric data from airport; otherwise city office records.

Temperature and precipitation from city office records, other data from airport.

NOTE.—Except as indicated by notes 1, 2, 4, and 5 data in table are city office records.

### SEVERE LOCAL STORMS, JUNE 1944

[Compiled by Callie E. Rhodes]

[The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

						nogical Teatbook				
Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks			
Dodgeville, Wis., vicinity of.	1	5-7 a. m		_			1 man killed by lightning and 2 others badly shocked.			
Barnwell County, S. C Rockville, Ind., vicinity	1	P. m4:30 p. m	<u>1</u> 1	1 0	\$3,500	do Hail	Man killed while working in field. Crop damage, \$3,000; property damage, \$500.			
of. Ainsworth, Nebr., vicin-	2	3 p. m	1 3	0	Unestimated_	do	Rye and corn damaged, requiring some replanting of corn.			
ity of. Bennet and Fullerton, Nebr., vicinity of.	3	2:30-5:45 p. m		0	\$10,500	Wind squall and hail	30 percent loss to crops over a limited area in vicinity of Bennet; value of property destroyed, \$500. Near Fuller- ton corn and small grain damaged; gardens completely ruined; some windows broken and roofs damaged. Prop-			
Lakefield, Minn., vicin-	3	4:45 p. m	53	0	\$5,000	Thundersquall	erty damage estimated at \$10,000. Buildings on 2 farms were wrecked; trees uprooted; growing			
ity of. Minnespolis, St. Paul, Milaca, Morris, Campbell, Wheaton, St. James and vicinity,	3-4			0	\$300,000	Heavy rain	telephone and power lines down; growing crops damaged; losses to merchandise, machinery and other equipment in basements; streetears burned out by sand and water			
Minn. Nicollet, Hennepin, and Ramsey Counties,	4	P. m		0	\$34,000	Hail	and from being struck by lighting. Considerable damage to real property and growing crops.			
Minn. Between Kimbrae and Heron Lake, Minn.	4	3 p. m	880	1	\$60,000	Thundersqualls	Houses, barns, outbuildings, silos and windmills were demolished or damaged on at least 12 farms; many trees uprooted; a 20,000-bushel grain elevator was wrecked; some livestock and poultry perished. 3 persons were injured, I fatally.			
Nicollet, Waseca, Henne- pin, Ramsey and Wash- ington Counties, Minn.	4	P. m		0	\$80,000	do	Many roofs of buildings and chimneys were damaged; windows broken; poles and wires down; many trees uprooted. I person injured.			
Fort Wayne, Ind	5 6	A, m	11-	0	\$3,000 Unestimated	Wind Tornado	Trees down; some buildings damaged.			
Warrenton, Va., vicinity	6	P. m.		0	\$30,000	Electrical	windmills damaged.			
of. Haigler, Nebr., vicinity	7	4-6 p. m		0	\$20,000	Hail and heavy rain	Damage to crops estimated at \$20,000, besides some damage			
of. Scotts Bluff and Morrill Counties, Nebr.	7	3-5 p. m., C. W. T	1 2–3	0	,,	Hailstorm	to trees and small buildings.  Storm moved from northwest to southeast. Alfalfa, sugar beets, barlay and other small grains damaged; beans and			
Chaves, Curry and Roosevelt Counties, N. Mex.	10	P. m	1 1-7	0	\$27,500	Wind and hail	corn required replanting in places.			
Lake, Blaine, Fergus, Carbon, Valley Coun- ties, Mont.	11	5–11 p. m	1 ½ <u>4</u> 4	0	\$27,000	Hail and rain	Winter wheat, alfalfa, gardens and fruit damaged. In Valley County loss in wheat, beets and alfalfa 30 to 75 percent.			
Putnamville, Ind., vicinity of.	12	P. m		0	\$1,500	Wind	Buildings damaged; trees down.			

<sup>&</sup>lt;sup>1</sup> Miles instead of yards.

# MONTHLY WEATHER REVIEW

## SEVERE LOCAL STORMS, JUNE 1944—Continued

		<del> </del>			<del>,</del>	JUNE 1944—Con	1
Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Eastern Scotts Bluff and western Morrill Coun- ties, Nebr.	12	3:30-5 p. m., C. W. T.	1 <b>1–4</b>	0	\$40,000	Hailstorm	Principal loss to alfalfa, sugar beets, and small grains. Some alfalfa 18 inches high reduced to stubble 3 inches high. This was the second halistorm in approximately the same area, the first occurring on June 7.
Fallon and Chouteau Counties, Mont.	12	I–7 p. m		0	Unestimated.	Hail	Damage to gardens and grain estimated at \$2,000 in Fallon County; damage to wheat in Chouteau County up to 100 percent.
Hazel Green, Wis	12	5 p. m		1		Lightning	17-year old girl killed by lightning near Hazel Green, Grant County.
Lamar, S. C	13	Night		0	\$45,000	do	Warehouse and 349 bales of cotton burned; also residence struck and burned.
Syracuse, Nebr., vicinity of.	13	10 p. m	14	0	\$100,000	Wind and hail	Complete loss of wheat and oats in hail area.
San Jon Valley and Tu- cumcari, N. Mex.	14	Noon to 10 p. m	1 3-4	0	\$55,000	Hail	1 2
Terre Haute, Ind	14 14	P. m	1 1-2	0	\$1,000 \$4,500	Wind	Trees and wires down; some plate glass broken. Gardens and winter wheat damaged.
Mont. Yellowstone County, Mont.	14-16	P. m	1 1-3	0	\$61,000	Hail and rain	A series of storms occurred in the Huntley, Billings, and Shepherd area, damaging 1,000 acres of beets, 300 acres of truck crops, 5,000 acres of beans, peas, alfalfa, and grains; estimated loss \$60,000. Loss from broken windows and
Milwaukee, Wis., vicinity of.	15	9:00–10:00 p. m	·	0	\$38,000	Thundersquall	poultry estimated at \$1,000.  30 people injured at Borchert Field; nearby houses and utility wires damaged; windows broken. Property dam- age \$25,500. In southern Door County a barn, granary, machine shed. 2 siles destroyed and other buildings dam-
Le Center, Minn., and vicinity.	15			0	\$20,000	Heavy rain	aged. Estimated property damage, \$10,000; estimated damage to cherry and apple trees, \$2,500.  Heavy to excessive rains that accompanied a severe thunderstorm flooded lowlands and damaged growing cross
Musselshell and Wheat- land Counties, Mont.	15	7-9 p. m		0	\$38,000	Hail	
Albion, N. Y., vicinity of Peru, N. Y., vicinity of	16 16		1 14	0	Unestimated.	Hailstormdo Thunderstorm	Tree-fruit damaged. Apples damaged.
Onondaga County, N. Y.	16			0	\$20,000	Thunderstorm	munication lines broken, and trees blown down. Near
Lincoln, Turner, and Union Counties, S. Dak.	16	4–5 p. m		0	\$250,000	Wind	North Syracuse 2 barns were fired by lightning. Numerous farm buildings, church, windmills, and farm machinery wrecked; great number of stock and poultry killed; several people injured.
Stillwater, Gallatin, Golden Valley, Daw- son, McCone, and Prai- rie Counties, Mont.	16	3 p. mmidnight	1 34-10	. 0	\$340,500 or over.	Hail, wind, and rain	In Dawson and McCone Counties all crops damaged; esti- mate \$250,000; damage to property estimated at \$80,000. In other counties damage was to gardens, beans, alfalfa,
rie Counties, Mont. Dawson County, Mont.	16-17			2	Unestimated.	Torrential rain, hail,	beets, wheat, and other small grain crops. At Intake the wind reached almost tornadic proportions and
Beadle, Faulk, Brown, Codington, Day, Grant, and Roberts Counties, S. Dak.	17	5-6 p. m		13	•do	and tornadic wind.	damaged every building in the town. Grain bins were smashed and every home more or less flooded. In the Retah and Bloomfield district hail leveled most of the crops and many barns and buildings were damaged by wind or flood; some sheep and livestock lost. Two small children drowned on Burns Creek as the trailer house in which the family lived floated from its location.
Milwaukee, and Rock. Walworth, and Racine Counties, Wis.	17	3:00-5:30 a.m		0	\$12,000		dollars.  Utility service interrupted in whole area; highways blocked by fallen trees in the Racine area, and light and power poles broken. At Sturtevant Airport, Racine, 3 airplanes damaged; a large barn blown down in the Racine area, and several silos blown down in the Burlington area. In Walworth County, many prime cherry trees loaded with a burner grow were broken down.
Dexter, Minn., and vicin- ity.		1:30 a.m., CWT	13	0			3 barns and several silos demolished; poles and wires down; many trees uprooted; growing crops damaged
Minneapolis, St. Paul, Minn., and vicinity.	17	P.m		0		do	Buildings were damaged, windows broken, poles and wires
Beardsley and Graceville, Minn., vicinities of.	17	6:30 p.m. CWT		0	\$250,000	Tornado	Many farm buildings wrecked or damaged; poles and wires down; some livestock and poultry killed; growing crops damaged; four persons injured.
Trempealeau, Jackson, Wood, Portage, and Winnebago Counties, Wis.	18	P.m		0	\$100,000	Hailstorms	Damage greatest in Wood and Portage Counties, where the stones were reported up to the size of baseballs and softballs. At Stevens Point 3 greenhouses and 2,500 panes of glass broken. Many windows in schools, churches, and homes broken, roofs riddled, automobiles dented, crops and shrubbery beaten down, and fruit beaten off trees. Total property damage estimated at \$25,000 and crop damage
Juneau, Outagamie, Trempealeau, Jackson, Wood, Portage, Wau- paca, and Winnebago Counties, Wis.		P.m		2	\$186,000	Windstorms	at \$75,000.  Damage was greatest in Wood and Portage Counties. At Stevens Point, scarcely a house escaped some damage, mostly to roofs and windows; many streets blocked by fallen trees and live wires. Considerable damage occurred in Winnebago County, largely to farm buildings. Two persons were drowned on Lake Winnebago when their motorboats capsized; 12 persons injured. At least 4 houses, 25 barns, and many smaller buildings were destroyed or severely damaged: several livestock killed. Property
West-central Portage County, Wis.	18		134	0	\$105,000	Tornado	damage estimated at \$136,000, crop damage \$50,000.  3 houses, 20 barns, many smaller buildings, and farm machinery were wrecked; many other buildings damaged; several domestic animals killed. Property damage estimates the statement of the state
Onondaga County, N. Y	19		1 1,4	0	\$50,000	Thunderstorm and hail.	mated at \$100,000, and crop damage at \$5,000.  A thunderstorm, accompanied by hail, caused damage to field crops estimated at \$50,000.
1 Miles instead of word							

<sup>&</sup>lt;sup>1</sup> Miles instead of yards.

# MONTHLY WEATHER REVIEW

#### SEVERE LOCAL STORMS, JUNE 1944-Continued

Maribero County, S. C.    Section			Q15 4, 1	EKE EC	CAL	JIORMO,	JUNE 1944—Cont	
Machiner Country, S. C.    1	Place	Date	Time	of path,	Loss of life	property	Character of storm	Remarks
Marbiero County, S. C.   19   530 p.m.   1942   10   110,000   111,000   1	The East	19	Night		1		Heavy thunderstorm	1 person killed by lightning near Port Jefferson, N. Y. Many points struck by lightning in New Jersey. A huge oil tank at Linden set on fire; telephone and railroad signal lines were down at many points. Farm crops and gardens injured by rain. Damage estimated at thousands of dollars was sustained in the Washington area. In an earlier storm 10 cows at the Department of Agriculture, Beltsville Research Center, Maryland, had been killed by lightning.
Marshing	Marlboro County, S. C	19	8:30 p.m			\$15,000	Hail	Damage to crops, estimated at \$15,000.
Midfand, Va, Va, Va, Va, Va, Va, Va, Va, Va, Va	Fergus County, Mont					\$5,250	do	Damage to gardens and wheat.
Flagins, southers and southwestern portions,	Amelia, va., vicinity of Midland. Va., vicinity of		8:00 p.m	1 2		\$10,400	do	Damage to crops estimated at \$8,400; damage to property,
Southwestern portions.  Winchestert Va., vicinity of Country, Wis., vicinit		1				' '		\$2,000.
200 p. m.   13   13   13   13   13   13   13   1	southwestern portions.	19	1:00-4:00 p, m	1 1–10	U	\$64,200	Han and wind	Chatham estimated at \$20,000; damage to corn, tobacco, buildings near Halifax, \$4,200; damage to crops and prop- erty near Hillsville. \$30.000.
Counties, Mont.  20 200 p. m. 13 0 31,000. Hall Damage to wheat and fairly.  21 3509-7.00 p. m. 13-10 0 do.  22 3509-7.00 p. m. 13-10 0 do.  33 500-7.00 p. m. 13-10 0 do.  35 500-7.00 p. m. 11-4 0 Unestimated.  22 7.30 p. m. CWT. 11-4 0 Unestimated.  23 7.30 p. m. CWT. 11-4 0 Translation of the standard st	Winchester, Va., vicinity	19	8:30-10:30 a. m	900-1, 320	0	\$585,000	Hailstorms and wind	\$510,000 damage to fruit crops; \$50,000 damage to trees:
Counties, Mont.  Ownder River, Ravalli, tries, Mont.  Ownder River, Ravalli, County, Web.  11 23,007.00 p. m.   13-10    Ownder River, Ravalli, County, Web.  12 7:30 p. m., CWT   11-4    Ownder River, Ravalli, County, Web.  13 7:30 p. m., CWT   11-4    Ownder River, Ravalli, County, Web.  14 7:30 p. m., CWT   11-4    Ownder River, Ravalli, County, Web.  15 7:00 p. m.   11    Ownder River, Ravalli, County, Web.  16 20 p. m.   11    Ownder River, Ravalli, County, Web.  17 8:1,033,000   Tornado   Foreign River, Ravalli, County, Rava	of.	20	2:00 n m	13	0	\$15,000	Hail	525,000 damage to property.  Damage to wheat and barley.
2   330-730 p. m.   3-10   0   0   1-14   0   0   1-14   0   0   1-14   0   0   1-14   0   0   0   1-14   0   0   0   1-14   0   0   0   0   0   0   0   0   0		20	2.00 p. m.			· '		•
County, Nebr.  7 and and Lafayette Counties, Wis.  Wood County, Wis.  22 9.30 p. m. 11/4 0 \$40,000do	Powder River, Ravalli, and Silver Bow Coun-	21	3:00-7:00 p. m	1 3–10	0		do	County considerable. Damage to apples in Ravalli County estimated at \$500. Damage to real property in Silver Bow County estimated at \$10.000.
Grant and Lafayette Counties, Wis.  Wood County, Wis.  22 9.30 p. m. 11/2 0 \$40,000do	Southern half of Pawnee County, Nebr.	21	7:30 p. m., CWT	1 ]-4	0	Unestimated.	small probable tor-	area; many windows were broken, a barn and some small buildings were destroyed. The crop damage was so great
Wood County, Wis. 22 9,30 p. m. 12 13 0 \$46,000. — do. — Pive barns destroyed and several other damaged: many and 10 chickens littled; utility and corp damage 1. A cow and 10 chickens littled; utility and corp damage 2. A cow and 10 chickens littled; utility and corp damage 3. A cow and 10 chickens littled; utility and corp damage 3. A cow and 10 chickens littled; utility and corp damage 3. A cow and 10 chickens littled; utility and corp damage and corp damage at 25,000. Damage to corps estimated at \$5,000; damage as to corps estimated at \$5,000; damage to corps estimated at \$5,000; damage as to corps estimated at \$5,000; damage to	Grant and Lafayette Counties, Wis.	22	6:30 p. m	11	7	\$1,023,000	Tornado	6 people killed at or near Belmont and 1 near Gratiot; 75 people injured, mostly in the Belmont area; 25 homes, 61 barns, 3 cheese factories, and many smaller buildings destroyed; many livestock killed. Property damage esti.
Grant and Lafayette Country, Montportion.    22   3.30 p. m.   13-2   0   \$3,000.   Hallstorm.   Diamage from hall to non signs, window, row hall to signs, southeastern portion.    23   3.30 p. m.   12 midnight.   17   0   \$3,176,000.   Thundersqual (post of siph) to reado) and hall.   18   18   18   18   18   18   18   1	Wood County, Wis	22	9:30 p. m	1 1,6	0	\$40,000	do	Five barns destroyed and several others damaged; many homes damaged. A cow and 100 chickens killed; utility service disrupted. Property damage estimated at \$15,000.
Counties, Wis. Minnesota, southeastern portion.  22 3.30 p. m12 midnight.  23 3.30 p. m12 midnight.  24 13 0 \$3,176,000.  25 Transdo.  26 Transdo.  27 Night.  28 13 0 Transdo.  29 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  28 Transdo.  29 Transdo.  20 Transdo.  20 Transdo.  20 Transdo.  21 Transdo.  22 Transdo.  23 Transdo.  24 Transdo.  25 Transdo.  26 Transdo.  27 Transdo.  28 T	Grant and Lafavette	22	7:30 p. m	1 1,6-2	0	\$8,000	Hailstorm	Damage to crops estimated at \$8,000; damage to buildings
Belmont, Wis., vicinity of.  Belmont, Wis., vicinity of.  Night. 13 9 Tornado Tornado Investor Response of the State of Control of Control of State of Control of State of Control of State of Control of Control of State of Cont	Counties, Wis.		Ī -	1				slight.
Big Horn County, Mont. Greene, Hawkins and Washington County, It was and Greene, Hawkins and Washington Counties. Tenne, Hawkins and Washington Counties. Tennedo.  Sin,000.  Windstorm.  A few buildings destroyed, 27 homes and orber buildings destroyed, 27 homes and orber buildings damaged. S persons injured.  Sin,000.  Windstorm.  A few buildings destroyed or damaged a few miles east Fredonia, Pa. person injured.  Damage to corn, tobacco, and gardens. Tornadoes, series of.  Tornadoes, series of.  The tornadoes moved from northwest to southeast in near parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or parallel paths. There were 4 main paths of destructive and intermediate or or of or steel mills at McKessport were blown of to roof of steel mills at McKessport were blown of to roof of steel mills at McKessport were blown of the bui	portion.						sibly tornado) and hail.	sidings, and automobile tops; 10 airplanes were damaged; growing crops damaged severely; several thousand chick- ens were killed; some hogs perished. More than 60 barns, outbuildings, silos, and windmills demolished by a small tornade; roles and wires down; growing grops demograd.
Greene, Hawkins and Washington Counties, Tenn.  Washington Counties, Tenn.  Predonia, Pa., vicinity of Gate City, Va., vicinity Southwestern Pennsylvania, northern West Virginia, Eastern Shore, and Garret County in western Maryland.  Night 166-333 159 \$5,000,000. Tornadoes, series of.  Night 166-333 159 \$5,000,000. Tornadoes, series of.  Night 166-334 159 \$5,000,000. Tornadoes, series of.  Night 166-335 169 \$100,000. Tornadoes moved from northwest to southeast in near	of.							3 in Stephenson County, III., and an unknown number injured. Damage to property was estimated at thousands of dollars, with estimates of more than 100 homes and farm buildings leveled; heavy losses in livestock.
Fredonia, Pa., vicinity of. Gate City, Va., vicinity of. Gate City, Va., vicinity of. Southwestern Pennsyl- vania, northern West Virginia, Eastern Shore, and Garret County in western Maryland.  Night. 166-333 159 \$5,000,000 Tornadoes, series of.  Night. 166-333 159 \$5,000,000 Tornadoes, series of.  Night. 166-333 159 \$5,000,000 Tornadoes, series of.  Night. 166-330 159 \$5,000,000 Tornadoes, series of.  Tornadoes, series of.  The tornadoes moved from northwest to southeast in near parallel paths. There were 4 main paths of destruction and 1 intermediate one. Of the 169 lives lost, 4 were Maryland, 46 in Pennsylvania, and 110 in West Virgini More than 1,000 persons injured throughout the strick and 1 intermediate one. Of the 169 lives lost, 4 were Maryland, 46 in Pennsylvania, and 110 in West Virgini More than 1,000 persons injured throughout the strick and 1 intermediate one. Of the 169 lives lost, 4 were Maryland, 46 in Pennsylvania, and 110 in West Virgini More than 1,000 persons injured throughout the strick of the 100 persons injured throughout the strick in the 1 intermediate one. Of the 169 lives lost, 4 were Maryland to Pennsylvania, and 110 in West Virgini More than 1,000 persons injured throughout the Station More than 1,000 persons injured throughout the strick and 1 intermediate one. Of the 169 lives lost, 4 were and 1 intermediate one. Of the 169 lives lost, 4 were and 1 intermediate one. Of the 169 lives lost, 4 were and 1 intermediate on	Greene, Hawkins and Washington Counties,	23	7:00 p. m 8:00–9:00 p. m					
of. Gate City, Va., vicinity of. Southwestern Pennsylvania, northern West Virginia, Estern Shore, and Garret County in western Maryland.  Night 166-333 159 \$5,000,000 Tornadoes, series of Damage to corn, tobacc, and gardens.  The tornadoes moved from northwest to southeast in near parallel paths. There were 4 main paths of destructive Maryland, 45 in Fernsylvania, and in thermediate one. Of the 169 lives best, 4 were and 16 in the mediate one. Of the 169 lives best, 4 were and 16 in the mediate one. Of the 169 lives best, 4 were and 16 in the mediate one. Of the 169 lives best, 4 were and 16 in the mediate one. Of the 169 lives best, 4 were and 16 in the mediate one. Of the 169 lives best, 4 were and 16 in the mediate one. Of the 169 lives best, 4 were and 16 in the mediate one. Of the 169 lives best, 4 were and 16 in the 169 lives best, 4 were and 16 in the mediate one. Of the 169 lives best, 4 were and 16 in the 169 lives best and 16 lives were and 16 in the 169 lives best and 16 lives were and 16 lives best and 16 lives were and 16 lives were and 16 lives lives and 16 lives were and 16 lives were and 16 lives	Fredonia, Pa., vicinity	23	5:20 p. m	100	0	\$10,000-\$15,000	Windstorm	A few buildings destroyed or damaged a few miles east o
Of. Southwestern Pennsylvania, northern West Virginia, Eastern Shore, and Garret County in western Maryland.  Night	of.	92	•	1	0	\$3,000	Wind and hail	Predonia, Pa. 1 person injured.  Damage to corn. tobacco, and gardens.
vania, northern West Virginia, Eastern Shore, and Garret County in western Maryland.    Parallel paths. There were 4 main paths of destructive and 1 intermediate one. Of the 169 lives lost, 4 were Maryland, 45 in Pennsylvania, and 110 in West Virginia, More than 1,000 persons injured throughout the strick area. At McKeesport, Pa., 110 houses leveled; two 34 foot transmitter towers of radio station WCAE at Pitt burgh blown down. Many workers injured when section of roof of steel mills at McKeesport were blown off; mothan 50 persons injured at Waynesboro, Pa. The sm town of Chartiers, Pa., was virtually wiped out; 88 kll and 100 injured at Shinnston, W. Va., which was thardest hit point. The storm took its heaviest Penns; vania toil around Chartiers and Clarksville, 40 miles sou of Pittsburgh, and at communities within 20 miles Pittsburgh. Dwellings, farm buildings, and other structures demolished; streets and highways littered with werekage; communication lines cut. The storm Maryland alo about \$1,000,000.    Dickeyville, Wis., vicinity of the west portion. Property damage in Maryland alo about \$1,000,000.   A farmhouse, barn, and silo destroyed; several hundrity of.   Sound the strict of the property of the west portion. Property damage in Maryland alo about \$1,000,000. A farmhouse, barn, and silo destroyed; several hundrity of.   Sound the property of the west portion. Property damage in Maryland alo about \$1,000,000. A farmhouse, barn, and silo destroyed; several hundrity of.   Sound the property of the pro	of.	~	ļ -	1	"	φο,000	William and han	
Dickeyville, Wis., vicinity of.  Hector, Minn., vicinity of.  Coahoma, Howard Country, Tex.  Spartanburg, S. C., vicinity of.  Noon.  O \$5.500.  Thunderstorm.  A farmbouse, barn, and silo destroyed; several hundry chickens killed; communication lines disrupted; cropheaten down.  Thundersquall.  Several farm buildings were damaged; two hangars were demolished at the airport, which caused loss of one a plane and damage to another.  Cottom in the storm area was damaged 60% to 70%. A companying wind damaged many small farm building barned to companying wind damaged t	Southwestern Pennsylvania, northern West Virginia, Eastern Shore, and Garret County in	1 .	Night	166-333	159	\$5,000,000	Tornadoes, series of	parallel paths. There were 4 main paths of destruction and 1 intermediate one. Of the 159 lives lost, 4 were in Maryland, 45 in Pennsylvania, and 110 in West Virginia. More than 1,000 persons injured throughout the stricker area. At McKeesport, Pa., 110 houses leveled; two 355 foot transmitter towers of radio station WCAE at Pitts burgh blown down. Many workers injured when section of roof of steel mills at McKeesport were blown off; more than 50 persons injured at Waynesboro, Pa. The smal town of Chartiers, Pa., was virtually wiped out; 58 killed and 100 injured at Shinnston, W. Va., which was the hardest hit point. The storm took its heaviest Pennsyl vania toll around Chartiers and Clarksville, 40 miles soul of Pittsburgh, and at communities within 20 miles of Pittsburgh. Dwellings, farm buildings, and other structures demolished; streets and highways littered with wreckage; communication lines cut. The storm highwayned on the Eastern Shore and in Gerret County in
of.  Coahoma, Howard County, Tex.  Spartanburg, S. C., vicinity of.  Of.  Hail and wind.  Hail and wind.  Hail and wind.  Hail and wind.  Companying wind damaged 60% to 70%. A companying wind damaged many small farm building bui	Dickeyville, Wis., vicinity of.	26	Noon		0	\$5.500		A farmhouse, barn, and silo destroyed; several hundred chickens killed; communication lines disrupted; cropped beaten down.
Spartanburg, S. C., vicin- 30 4:00-6:00 p. m						\$25.000		Several farm buildings were damaged; two hangars were demolished at the airport, which caused loss of one air plane and damage to another
Spartanburg, S. C., vicin- 30 4:00-6:00 p. m	Coahoma, Howard Coun-	28	P. m	12	0		Hail and wind	Uotton in the storm area was damaged 60% to 70%. At companying wind damaged many small form buildings
189 Of. Chousesu County Mont 20 7:00 p. m 19 0 \$5.000 do Demose to wheet cets and harlay	Spartanburg, B. C., vicin-	30	4:00-6:00 p. m	. 134	i] 0	\$10,000	Hail	Damage to crops.
	Choutest County Mont	20	7:00 D. m	1 0	Δ.	\$5,000	do	Damage to wheat, gate, and barley.

<sup>&</sup>lt;sup>1</sup> Miles instead of yards.